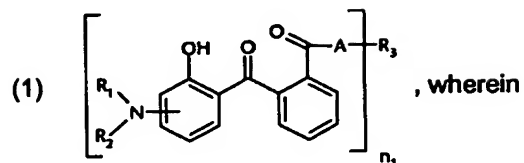


- 41 -

What is claimed is:

1. Compound of formula



R_1 and R_2 independently from each other are; C_1 - C_{20} alkyl; C_2 - C_{20} alkenyl; C_3 - C_{10} cycloalkyl; C_3 - C_{10} cycloalkenyl; or R_1 and R_2 together with the linking nitrogen atom form a 5- or 6-membered heterocyclic ring;

n_1 is a number from 1 to 4;

when $n_1 = 1$,

R_3 is a saturated or unsaturated heterocyclic radical; hydroxy- C_1 - C_5 alkyl; cyclohexyl optionally substituted with one or more C_1 - C_5 alkyl; phenyl optionally substituted with a heterocyclic radical, aminocarbonyl or C_1 - C_5 alkylcarboxy;

wenn n_1 is 2,

R_3 is an alken-, cycloalkylene alkenylene or phenylene radical which is optionally substituted by a carbonyl- or carboxy group; a radical of formula $\cdot\text{CH}_2\text{C}\equiv\text{CCH}_2\cdot$ or R_3

together with A forms a bivalent radical of the formula (1a)  ; wherein

n_2 is a number from 1 to 3;

when n_1 is 3,

R_3 is an alkantriyl radical;

wenn n_1 is 4,

R_3 is an alkanetetrayl radical;

A is -O-; or -N(R_5)-; and

R_5 is hydrogen; C_1 - C_5 alkyl; or hydroxy- C_1 - C_5 alkyl.

2. Compound according to claim 1, wherein

R_1 and R_2 independently from each other are hydrogen; C_1 - C_{20} alkyl; C_2 - C_{20} alkenyl; C_3 - C_{10} cycloalkyl; C_3 - C_{10} cycloalkenyl; or R_1 and R_2 together with the linking nitrogen atom form a 5- or 6-membered heterocyclic ring;

- 42 -

n_1 is a number from 1 to 4;

wenn n_1 is 1,

R_3 is a saturated or unsaturated heterocyclic radical; hydroxy- C_1 - C_5 alkyl; Cyclohexyl substituted with one or more C_1 - C_5 alkyl;

wenn n_1 is 2,

R_3 is an alkylen-, cycloalkylen- or alkenylene radical which is optionally interrupted by a carbonyl- or carboxy group;

wenn n_1 is 3,

R_3 is an alkantriyl radical;

wenn n_1 is 4,

R_3 is an alkantetrayl radical;

A is -O-; or -N(R_5); and

R_5 is hydrogen; C_1 - C_5 alkyl; or hydroxy- C_1 - C_5 alkyl.

3. Compound according to claim 1 or 2, wherein

R_1 and R_2 are C_1 - C_{20} alkyl.

4. Compound according to one of claims 1 to 3, wherein

R_1 and R_2 independently from each other are C_1 - C_5 alkyl.

5. Compound according to one of claims 1 to 4, wherein

R_1 and R_2 in formula (1) have the same definition

6. Compound according to one of claims 1 to 5, wherein

If n_1 is 1,

R_3 is a saturated or unsaturated heterocyclic radical.

7. Compound according to one of claims 1 to 5, wherein

If n_1 is 1,

R_3 is a saturated heterocyclic radical.

8. Compound according to claim 7, wherein

R_3 is a monocyclic radical of 5, 6 or 7 ring members with one or more hetero atoms.

- 43 -

9. Compound according to claim 8, wherein

R_3 is morpholinyl; piperazinyl; piperidyl; pyrazolidinyl; imadazolidinyl; or pyrrolidinyl

10. Compound according to claim 6, wherein

R_3 is an unsaturated heterocyclic radical.

11. Compound according to claim 10, wherein

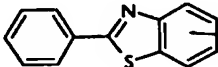
R_3 a polycyclic radical.

12. Compound according to claim 1 or 11, wherein

R_3 is a radical of formula (1a)  R_5 , and

R_5 is polycyclic heteroaromatic radical with one or 2 heteroatoms.

13. Compound according to claim 12, wherein

R_3 is a radical of formula (1b)  R_6 , wherein

R_6 is hydrogen; or C_1 - C_8 alkyl.


14. Compound according to one of claims 1 to 4 or 13, wherein,

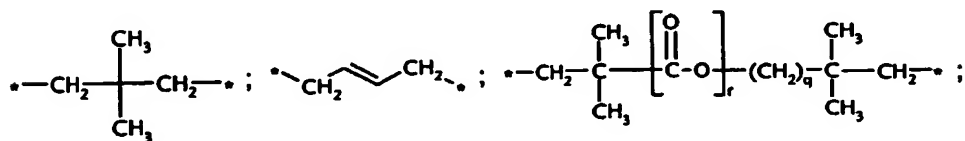
if n_1 is 2,

R_3 is a C_1 - C_{12} alkylene radical, and

R_1 , R_2 and A are defined as in claim 1.

15. Compound according to claim 14, wherein

R_3 is a radical of formula $\cdot\text{---CH}_2\text{---}(\text{CH}_2)_m\text{---CH}_2\text{---}\cdot$; $\cdot\text{---CH}_2\text{---}$  $\text{---CH}_2\text{---}\cdot$;



r is 0 or 1; and

q is a number from 0 to 5.

- 44 -

16. Compound according to claim 1 to 5, wherein,

when n_1 is 3;

R_3 is a radical of formula (1a) $\cdot\text{--CH}_2\text{--}\overset{\cdot}{\underset{|}{\text{CH}}}\text{--}(\text{CH}_2)_p\text{--CH}_2\text{--}\cdot$ or (1b) $\cdot\text{--CH}_2\text{--}\overset{\cdot}{\underset{|}{\text{CH}}}\text{--}\cdot$ and

p is a number from 0 to 3; and

R_1 , R_2 and A are defined as in formula (1).

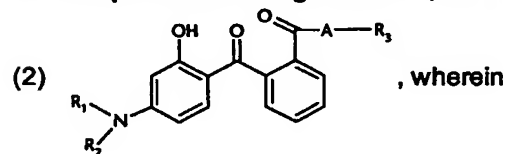
17. Compound according to one of claims 1 to 5, wherein, when

n_1 is 4,

R_3 is a radical of formula $\cdot\text{--}\overset{\cdot}{\underset{|}{\text{C}}}\text{--}\cdot$; or $\cdot\text{--CH}_2\text{--}\overset{\cdot}{\underset{\text{CH}_2}{\overset{\text{CH}_2}{\text{C}}}}\text{--CH}_2\text{--}\cdot$; and

R_1 , R_2 and A are defined as in formula (1).

18. Compound according to claim 1, which corresponds to formula

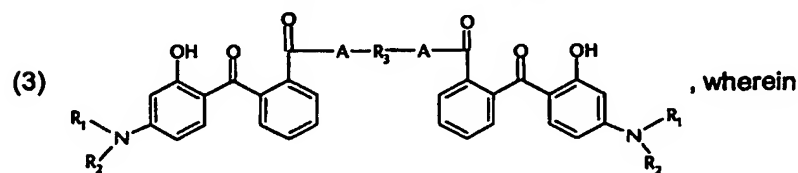


R_1 and R_2 independently from each other are hydrogen; or $\text{C}_1\text{--C}_5$ alkyl;

A is --NH-- ; or --O-- ; and

R_3 is a saturated or unsaturated heterocyclic radical.

19. Compound according to claim 1, which corresponds to formula



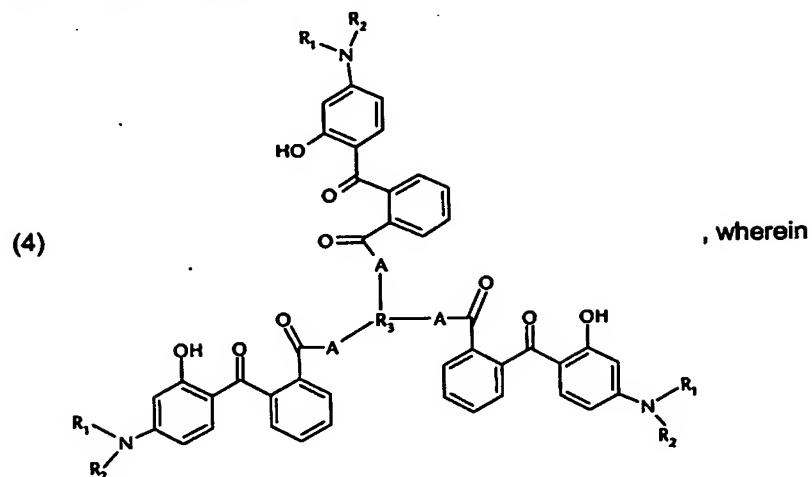
R_1 and R_2 independently from each other are hydrogen; or $\text{C}_1\text{--C}_5$ alkyl;

A is --NH-- ; or --O-- ; and

- 45 -

R_3 is a C_1 - C_{12} alkylene radical.

20. Compound according to claim 1, which corresponds to formula



R_1 and R_2 independently from each other are hydrogen; or C_1 - C_5 alkyl;

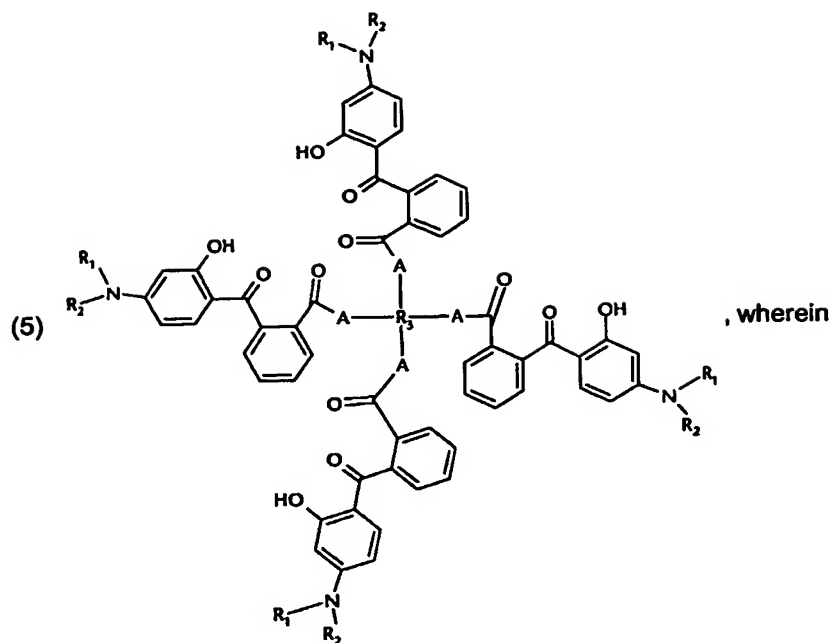
A is $-NH-$; or $-O-$; and

R_3 is $\cdot-CH_2-\overset{\cdot}{\underset{|}{CH}}-(CH_2)_p-CH_2-\cdot$ or $\cdot-CH_2-\overset{\cdot}{\underset{|}{CH}}-\cdot$; and

p is a number from 0 to 3.

21. Compound according to claim 1, which corresponds to formula

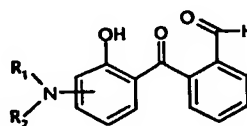
- 46 -

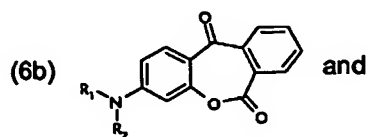


R_3 is a radical of formula $\begin{array}{c} * \\ | \\ -C- \\ | \\ * \end{array}$; or $\begin{array}{c} * \\ | \\ -CH_2-C-CH_2- \\ | \\ * \end{array}$; and

R_1 , R_2 and A are defined as in formula (1).

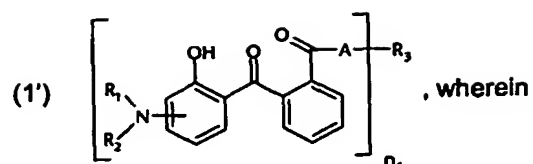
22. A process for the preparation of the compounds of formula (1), which comprises, dehydratisating

(a) the compound formula (6a)  to the compound of formula



(b) reacting the anhydride with the compound of formula (6c₁) $H-N(R_5)-R_3$ or (6c₂) $H-O-R_3$ to the compound of formula

- 47 -



R_1 and R_2 independently from each other are hydrogen; C_1 - C_{20} alkyl; C_2 - C_{20} alkenyl; C_3 - C_{10} cycloalkyl; C_3 - C_{10} cycloalkenyl; or R_1 and R_2 together with the linking nitrogen atom form a 5- or 6-membered heterocyclic ring;

n_1 is 1 to 4;

if n_1 is 1,

R_3 is hydrogen; C_1 - C_{20} alkyl; hydroxy- C_1 - C_5 alkyl; C_2 - C_{20} alkenyl; C_3 - C_{10} -Cyclohexyl not substituted or substituted with one or more C_1 - C_5 alkyl; $(Y-O)_pZ$; C_6 - C_{10} aryl; or a saturated or unsaturated heterocyclic radical;

Y is C_1 - C_{12} alkylen;

Z is C_1 - C_5 alkyl;

p is a number from 1 to 20;

if n_1 is 2,

R_3 is a alkylene-, cycloalkylene- or alkenylene radical which is optionally interrupted by carbonyl- or carboxy group;

if n_1 is 3,

R_3 is an alkantriyl radical;

if n_1 is 4,

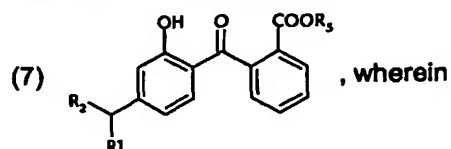
R_3 is a alkantetrayl radical;

A is $-O-$; or $-N(R_5)-$;

R_5 is hydrogen; C_1 - C_5 alkyl; or hydroxy- C_1 - C_5 alkyl; and

R_5 is hydrogen; C_1 - C_5 alkyl; or hydroxy- C_1 - C_5 alkyl.

23. Process according to claim 22, wherein the process refers to compounds of formula



R_1 and R_2 independently from each other are C_1 - C_{12} alkyl; and

R_5 is hydrogen; C_1 - C_{12} alkyl; or C_3 - C_6 -Cycloalkyl.

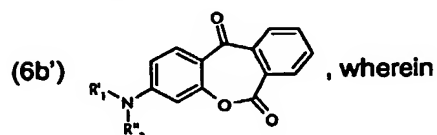
- 48 -

24. Use of compounds of formula (1) in protecting human and animal hair and skin from UV radiation.

25. Use according to claim 24, wherein the compounds of formula (1) are present in micronized form.

26. A cosmetic preparation comprising at least one or more compounds of formula (1) according to claim 1 with cosmetically acceptable carriers or adjuvants.

27. Compounds of formula

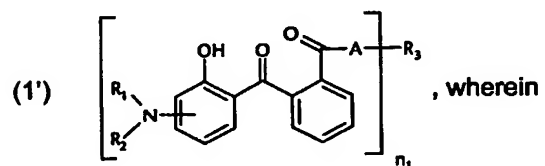


R₁' and R₂' independently from each other are hydrogen; C₁-C₂₀alkyl; C₂-C₂₀alkenyl; C₃-C₁₀-cycloalkyl; C₃-C₁₀cycloalkenyl; or R₁ and R₂ together with the linking nitrogen atom form a 5- or 6-membered heterocyclic ring.

28. Use of the compounds of formula (6b') for the preparation of organic UV absorbers.

29. UV-Absorber-dispersion, comprising

(a) a micronised UV absorber of formula



R₁ and R₂ independently from each other are hydrogen; C₁-C₂₀alkyl; C₂-C₂₀alkenyl; C₃-C₁₀cycloalkyl; C₃-C₁₀cycloalkenyl; or R₁ and R₂ together with the linking nitrogen atom form a 5- or 6-membered heterocyclic ring;

when n₁ is 1,

R₃ is hydrogen; C₁-C₂₀alkyl; hydroxy-C₁-C₅alkyl; C₂-C₂₀alkenyl; not substituted or with one or more C₁-C₅alkyl substituted C₃-C₁₀cyclohexyl; (Y-O)_pZ; C₆-C₁₀aryl; or a saturated or unsaturated heterocyclic radical;

- 49 -

Y C₁-C₁₂alkylen;

Z C₁-C₅alkyl;

p is a number from 1 to 20;

when n₁ is 2,

R₃ is a alkylen-, cycloalkylen- or alkenylen- radical optionally interrupted by a carbonyl- or carboxy group;

if n₁ is,

R₃ is an alkantriyl radical;

if n₁ is 4,

R₃ is an alkantetrayl radical;

A is -O-; or -N(R₅)-; and

R₅ is hydrogen; C₁-C₅alkyl; or hydroxy-C₁-C₅alkyl;

R₅ is hydrogen; C₁-C₅alkyl; or hydroxy-C₁-C₅Alkyl;

having a particle size from 0,02 to 2 μm, and

(b) a suitable dispersing agent.